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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/918,810	07/31/2001	William Hsiao-Yu Ku	AUS920010617US1	4477

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Duke W. Yee  
Carstens, Yee & Cahoon, LLP  
P.O. Box 802334  
Dallas, TX 75380

EXAMINER
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MEUCCI, MICHAEL D

ART UNIT	PAPER NUMBER
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2142

DATE MAILED: 11/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/918,810	<b>Applicant(s)</b> KU ET AL.	
	<b>Examiner</b> Michael D Meucci	<b>Art Unit</b> 2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 12 October 2001.
- 2a) ☐ This action is **FINAL**.      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☒ Claim(s) 8, 19 and 27 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>1/25/02</u> . | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Objections***

1. Claims 8, 19, and 27 objected to under 37 CFR 1.75(c), as being of improper dependent form for failing to further limit the subject matter of a previous claim.

Applicant is required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper dependent form, or rewrite the claim(s) in independent form. The claims do not further limit claims 1 and 12 respectively because the information objects in claims 8 and 19 contain no distinction from the data object of claims 1 and 12.

### ***Claim Rejections - 35 USC § 101***

2. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3. Claims 20-27 rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The computer program product in a computer readable medium is considered non-statutory because the claims contain no reference directed toward the action of a computer executing the computer program product. Art has still been applied as if claims 20-27 were considered statutory.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-3 and 6-14, rejected under 35 U.S.C. 102(b) as being anticipated by Selby et al. (U.S. 5,555,365) hereinafter referred to as Selby.

a. As per claims 1, 12, and 20, Selby teaches: creating a set of data objects for a panel (line 64 of column 4 through line 12 of column 5); wherein each data object is associated with a data type (line 64 of column 4 through line 1 of column 5; data types are also inherent for data objects); creating a set of navigation objects for the panel (lines 39-53 of column 2 and Fig. 4); wherein each navigation object is associated with an event, a target object associated with the event, and a target object action associated with the target object in which the target object action is applied to the target object (lines 42-53 of column 2, line 64 of column 7 through line 2 of column 8, and Fig. 8).

b. As per claims 2, 13, and 21, Selby teaches: data objects include at least one of a text field, combo box, and a radio button (lines 4-6 of column 2, lines 47-54 of column 5, lines 45-49 of column 8, and Fig. 4).

c. As per claims 3, 14, and 22, Selby teaches: navigation objects include at least one of a button, a slider, and a scroll bar (lines 4-6 of column 2, line 64 of column 7 through line 2 of column 8, and Fig. 4).

d. As per claims 6, 17, and 25, Selby teaches: identification of the set of data objects and associations are stored in a list (abstract).

e. As per claims 7, 18, and 26, Selby teaches: identification of the set of navigation objects and associations are stored in a list (abstract).

f. As per claims 8, 19, and 27, Selby teaches: creating a set of information objects for the panel (line 64 of column 4 through line 12 of column 5).

g. As per claim 9, Selby teaches: a set of data objects for a panel (line 64 of column 4 through line 12 of column 5); a set of navigation objects for the panel (lines 39-53 of column 2 and Fig. 4); a first list of data objects, wherein the list contains identification of a data type for each data object in the list (line 64 of column 4 through line 1 of column 5 and abstract; data types are also inherent for data objects); a second list of navigation objects, wherein the list includes an event, a target object associated with the event, and a target object action associated with the target object in which the target object action is applied to the target object (abstract, lines 42-53 of column 2, line 64 of column 7 through line 2 of column 8, and Fig. 8).

h. As per claim 10, Selby teaches: a set of information objects (line 64 of column 4 through line 12 of column 5).

i. As per claim 11, Selby teaches: a bus system (lines 64-66 of column 3 and Fig. 2); a communications unit connected to the bus system (line 61 of column 3 through line 36 of column 4 and Fig. 2); memory connected to the bus, wherein the memory includes a set of instructions (lines 9-17 of column 4; instructions in memory for system to work is inherent); processing unit (line 66 of column 3 through line 8 of column 4 and Fig. 2); processing unit executes set of instructions to create set of data objects for a panel (line 64 of column 4 through line 12 of column 5); wherein each data

object is associated with a data type (line 64 of column 4 through line 1 of column 5; data types are also inherent for data objects); creating a set of navigation objects for the panel (lines 39-53 of column 2 and Fig. 4); wherein each navigation object is associated with an event, a target object associated with the event, and a target object action associated with the target object in which the target object action is applied to the target object (lines 42-53 of column 2, line 64 of column 7 through line 2 of column 8, and Fig. 8).

***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 4-5, 15-16, and 23-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Selby as applied to claims 1 and 12 respectively above, and further in view of Official Notice.

a. As per claims 4, 15, and 23, Official Notice is taken of the event being a right click. Right clicks causing an event has been well known in the art since the first two-button mouse was implemented. It is for this reason that it would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to make right clicks on a mouse produce an event in the system as taught by Selby.

b. As per claims 5, 16, and 24 Official Notice is taken of the event being depression of a function key. Function keys have been utilized for many years, particularly the use of the F1 key on a standard keyboard, as a way to navigate to a help menu. It is for this reason that it would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to make the depression of a function key produce an event in the system as taught by Selby.

### ***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kodosky et al. (U.S. 5,732,277) discloses graphical system for modeling a process and associated method.

Kurtenbach (U.S. 5,867,163) discloses graphical user interface for defining and invoking user-customized tool shelf execution sequence.

Poreh et al. (U.S. 5,889,518) discloses apparatus and method of acquiring, processing, and routing data contained in a GUI window.

Hamilton et al. (U.S. 5,950,001) discloses method and apparatus for customizing a software component.

Abdelnur et al. (U.S. 6,429,882 B1) discloses user interface component editor.

Buxton et al. (U.S. 6,469,714 B2) discloses info center user interface for applets and components.

Bigus (U.S. 6,671,691 B1) discloses method and apparatus for expression building editors

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Meucci at (571) 272-3892. The examiner can normally be reached on Monday-Friday from 9:00 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey, can be reached at (571) 272-3896. The fax phone number for this Group is (703) 872-9306.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [michael.meucci@uspto.gov].

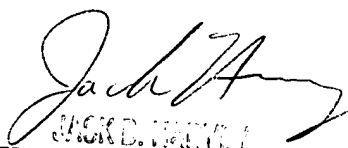
All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For



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more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
JACK D. MILLER  
SUPERVISORY PATENT EXAMINER